

1642

#10

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/445,576

DATE: 03/16/2001  
 TIME: 15:31:13

Input Set : A:\PTO.txt  
 Output Set: N:\CRF3\03162001\I445576.raw

ENTERED

4 <110> APPLICANT: Thogersen, Hans Christian  
 5 Etzerodt, Michael  
 6 Holtet, Thor Las  
 7 Graversen, Niels Jonas Heilskov  
 8 Kastrup, Jette Sandholm  
 9 Nielsen, Bettina Bryde  
 10 Larsen, Ingrid Kjoller  
 12 <120> TITLE OF INVENTION: Trimerising module  
 14 <130> FILE REFERENCE: THOGERSEN =1  
 16 <140> CURRENT APPLICATION NUMBER: US 09/445,576  
 17 <141> CURRENT FILING DATE: 2000-07-17  
 19 <150> PRIOR APPLICATION NUMBER: PCT/DK98/00245  
 20 <151> PRIOR FILING DATE: 1998-06-11  
 22 <150> PRIOR APPLICATION NUMBER: DK 0685/97  
 23 <151> PRIOR FILING DATE: 1997-06-11  
 25 <160> NUMBER OF SEQ ID NOS: 60  
 27 <170> SOFTWARE: PatentIn Ver. 2.0  
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 30 <211> LENGTH: 47  
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 32 <213> ORGANISM: Artificial Sequence  
 34 <220> FEATURE:  
 35 <223> OTHER INFORMATION: Description of Artificial Sequence:primer trip-N  
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 38 cctgatcaat ccaggaaga tctctggta ccgagccacc aaccag 47  
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 41 <211> LENGTH: 33  
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 45 <220> FEATURE:  
 46 <223> OTHER INFORMATION: Description of Artificial Sequence:primer trip-Ca  
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 49 ccaagcttat taggatccc tctgcagggc ctg 33  
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 52 <211> LENGTH: 40  
 53 <212> TYPE: DNA  
 54 <213> ORGANISM: Artificial Sequence  
 56 <220> FEATURE:  
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 63 <211> LENGTH: 6  
 64 <212> TYPE: PRT  
 65 <213> ORGANISM: Artificial Sequence  
 67 <220> FEATURE:  
 68 <223> OTHER INFORMATION: Description of Artificial Sequence:IQGR cleavage s

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76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:tetranectin polypeptide sequence for
81   Glu 1 to Lys 52
83 <400> SEQUENCE: 5
84 Glu Pro Pro Thr Gln Lys Pro Lys Lys Ile Val Asn Ala Lys Lys Asp
85   1           5           10           15
87 Val Val Asn Thr Lys Met Phe Glu Glu Leu Lys Ser Arg Leu Asp Thr
88           20           25           30
90 Leu Ala Gln Glu Val Ala Leu Leu Lys Glu Gln Gln Ala Leu Gln Thr
91           35           40           45
93 Val Ser Leu Lys
94   50
96 <210> SEQ ID NO: 6
97 <211> LENGTH: 49
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence:tetranectin polypeptide sequence for
103   Glu 1 to Val 49
105 <400> SEQUENCE: 6
106 Glu Pro Pro Thr Gln Lys Pro Lys Lys Ile Val Asn Ala Lys Lys Asp
107   1           5           10           15
109 Val Val Asn Thr Lys Met Phe Glu Glu Leu Lys Ser Arg Leu Asp Thr
110           20           25           30
112 Leu Ala Gln Glu Val Ala Leu Leu Lys Glu Gln Gln Ala Leu Gln Thr
113           35           40           45
115 Val
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 181
123 <212> TYPE: PRT
124 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 7
127 Glu Pro Pro Thr Gln Lys Pro Lys Lys Ile Val Asn Ala Lys Lys Asp
128   1           5           10           15
130 Val Val Asn Thr Lys Met Phe Glu Glu Leu Lys Ser Arg Leu Asp Thr
131           20           25           30
133 Leu Ala Gln Glu Val Ala Leu Leu Lys Glu Gln Gln Ala Leu Gln Thr
134           35           40           45
136 Val Cys Leu Lys Gly Thr Lys Val His Met Lys Cys Phe Leu Ala Phe
137           50           55           60
139 Thr Gln Thr Lys Thr Phe His Glu Ala Ser Glu Asp Cys Ile Ser Arg
140   65           70           75           80

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142 Gly Gly Thr Leu Ser Thr Pro Gln Thr Gly Ser Glu Asn Asp Ala Leu
143           85           90           95
145 Tyr Glu Tyr Leu Arg Gln Ser Val Gly Asn Glu Ala Glu Ile Trp Leu
146           100           105           110
148 Gly Leu Asn Asp Met Ala Ala Glu Gly Thr Trp Val Asp Met Thr Gly
149           115           120           125
151 Ala Arg Ile Ala Tyr Lys Asn Trp Glu Thr Glu Ile Thr Ala Gln Pro
152           130           135           140
154 Asp Gly Gly Lys Thr Glu Asn Cys Ala Val Leu Ser Gly Ala Ala Asn
155 145           150           155           160
157 Gly Lys Trp Phe Asp Lys Arg Cys Arg Asp Gln Leu Pro Tyr Ile Cys
158           165           170           175
160 Gln Phe Gly Ile Val
161           180

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163 &lt;210&gt; SEQ ID NO: 8

164 &lt;211&gt; LENGTH: 39

165 &lt;212&gt; TYPE: DNA

166 &lt;213&gt; ORGANISM: Artificial Sequence

168 &lt;220&gt; FEATURE:

169 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence:Primer

171 &lt;400&gt; SEQUENCE: 8

172 cctggatcca tcgagggtag gggcgagcca ccaaccag

39

174 &lt;210&gt; SEQ ID NO: 9

175 &lt;211&gt; LENGTH: 25

176 &lt;212&gt; TYPE: DNA

177 &lt;213&gt; ORGANISM: Artificial Sequence

179 &lt;220&gt; FEATURE:

180 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence:Primer

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183 ccgaagctta cacgatcccg aactg

25

186 &lt;210&gt; SEQ ID NO: 10

187 &lt;211&gt; LENGTH: 6

188 &lt;212&gt; TYPE: PRT

189 &lt;213&gt; ORGANISM: Artificial Sequence

191 &lt;220&gt; FEATURE:

192 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence:IEGR cleavage site

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196 1 5

198 &lt;210&gt; SEQ ID NO: 11

199 &lt;211&gt; LENGTH: 32

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201 &lt;213&gt; ORGANISM: Artificial Sequence

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204 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence:lambda CII protein

206 &lt;400&gt; SEQUENCE: 11

207 Met Val Arg Ala Asn Lys Arg Asn Glu Ala Leu Arg Ile Glu Ser Ala

208 1 5 10 15

210 Leu Leu Asn Lys Ile Ala Met Leu Gly Thr Glu Lys Thr Ala Glu Gly

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220   1          5          10
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223 <211> LENGTH: 25
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
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235 <212> TYPE: DNA
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247 <213> ORGANISM: Artificial Sequence
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250 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer
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253 cctggatcca tcgagggtag ggccctgcag acggtc 36
255 <210> SEQ ID NO: 16
256 <211> LENGTH: 227
257 <212> TYPE: DNA
258 <213> ORGANISM: human
260 <400> SEQUENCE: 16
261 atgcagatct ttgtgaagac cctcactggc aaaaccatca cccttgaggt cgagcccagt 60
262 gacaccattg agaatgtcaa agccaaaatt caagacaagg aggtatccc acctgaccgc 120
263 agcgtctgat atttgccggc aaacagctgg aagatggacg tactttgtct gactacaata 180
264 ttcaaaagga gtctactctt catcttgtgt tgagacttcg tggtggt 227
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267 <211> LENGTH: 27
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
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Input Set : A:\PTO.txt  
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283 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer
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288 <210> SEQ ID NO: 19
289 <211> LENGTH: 76
290 <212> TYPE: PRT
291 <213> ORGANISM: human
293 <400> SEQUENCE: 19
294 Met Gln Ile Phe Val Lys Thr Leu Thr Gly Lys Thr Ile Thr Leu Glu
295 1 5 10 15
297 Val Glu Pro Ser Asp Thr Ile Glu Asn Val Lys Ala Lys Ile Gln Asp
298 20 25 30
300 Lys Glu Gly Ile Pro Pro Asp Gln Gln Arg Leu Ile Phe Ala Gly Lys
301 35 40 45
303 Gln Leu Glu Asp Gly Arg Thr Leu Ser Asp Tyr Asn Ile Gln Lys Glu
304 50 55 60
306 Ser Thr Leu His Leu Val Leu Arg Leu Arg Gly Gly
307 65 70 75
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311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence:CEA6 antibody
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319 tcctgcaagg cttctggagg caccttcagc aactctccta tcaactggct gcgacaggcc 120
320 cccggacaag ggcttgagtg gatgggaagt atcatccctt cctttggtac agcaaaactac 180
321 gctcagaagt tccagggcag actcacgatt accgcggacg aatccacgag cacagcctac 240
322 atggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc ggggcggagc 300
323 cacaactacg aactctacta ttactacatg gacgtctggg gccaggggac aatggtcacc 360
324 gtctcgagtg gtggaggcgg ttcaggcgga ggtggcagcg gcggtggcgg atcggacatc 420
325 cagatgaccc agtctccttc caccctgtct gcattctattg gagacagagt caccatcacc 480
326 tgcggggcca gtgagggtat ttatcactgg ttggcctggt atcagcagaa gccagggaaa 540
327 gccctaaac tcctgatcta taaggcctct agtttagcca gtggggcccc atcaagggttc 600
328 agcggcagtg gatctgggac agatttcact ctcaccatca gcagcctgca gcctgatgat 660
329 tttgcaactt attactgcca acaatatagt aattatccgc tcactttcgg cggagggacc 720
330 aagctggaga tcaaactgac ggccgcagaa caaaaactca tctcagaaga ggatctgaat 780
331 ggggcc
333 <210> SEQ ID NO: 21
334 <211> LENGTH: 25
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:

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## VERIFICATION SUMMARY

DATE: 03/16/2001

PATENT APPLICATION: US/09/445,576

TIME: 15:31:14

Input Set : A:\PTO.txt

Output Set: N:\CRF3\03162001\I445576.raw

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L:999 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:39  
L:1002 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:39  
L:1002 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:39  
M:340 Repeated in SeqNo=39  
L:1005 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:39  
L:1005 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:39